

Ranking Tool Summary **for FY2008 - Invasive Species (Kudzu and Privet)** **(Released 10/12/2007)**

Description:

This funding pool is used to assist landowners interested in EQIP applications for Invasive Species for Fiscal Year 2008. Only Privet and Kudzu control and associated practices are eligible for this fund code.

Land Uses:

Crop, Forest, Hay, Pasture, Wildlife

Efficiency Score:

Scoring Multiplier: 1.00

Optional Notes:

National Priorities:

Scoring Multiplier: 10.00

Questions:

Number	Question	Points
1	Will the treatment you intend to implement using EQIP result in considerable reductions of non-point source pollution, such as nutrients, sediment, pesticides, excess salinity in impaired watersheds, groundwater contamination or point source contamination from confined animal feeding operations?	5
2	Will the treatment you intend to implement using EQIP result in a considerable amount of ground or surface water conservation?	5
3	Will the treatment you intend to implement using EQIP result in a considerable reduction of emissions, such as particulate matter, nitrogen oxides (NOx), volatile organic compounds, and ozone precursors and depleters that contribute to air quality impairment violations of National Ambient Air Quality Standards?	5
4	Will the treatment you intend to implement using EQIP result in a considerable reduction in soil erosion and sedimentation from unacceptable levels on agricultural land?	5
5	Will the treatment you intend to implement using EQIP result in a considerable increase in the promotion of at-risk species habitat conservation?	5
Total Points		25

State Issues:

Scoring Multiplier: 10.00

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Is the treated area on Land Capability Class I, II, or III?	100
	2	Is the area to be treated next to a protected area with treatment (National, State, or Local; i.e. Tennessee Wildlife Resources Agency easement area, Farmland Trust, etc.)?	100
	3	Does the adjacent area contain plant or animal Threatened & Endangered (T&E) species (Nationally or State listed)?	100

	4	Will the treated area be planted to native grasses, trees or shrubs?	100
	5	Is the applicant willing to provide the required follow-up treatments at his/her own expense?	100
	6	Is Kudzu and Privet being controlled on all properties adjacent to the treatment area?	55
	7	Will you be using goats or other scientifically based biological weed control?	30
	8	Has the applicant completed and submitted a Conservation Security Program (CSP) Self Assessment?	10
		Maximum Points: Total Points	595

Local Issues:

Selected Resource Concerns and Practices:

Air Quality: Chemical Drift

Critical Area Planting (342)

Grassed Waterway (412)

Pasture and Hay Planting (512)

Pest Management (595)

Air Quality: Excessive Greenhouse Gas - CO2 (carbon dioxide)

Critical Area Planting (342)

Grassed Waterway (412)

Mulching (484)

Nutrient Management (590)

Pasture and Hay Planting (512)

Pest Management (595)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Domestic Animals: Inadequate Quantities and Quality of Feed and Forage

Critical Area Planting (342)

Diversion (362)

Nutrient Management (590)

Pasture and Hay Planting (512)

Pest Management (595)

Pipeline (516)

Use Exclusion (472)

Watering Facility (614)

Fish and Wildlife: Habitat Fragmentation

Critical Area Planting (342)

Diversion (362)

Nutrient Management (590)

Pasture and Hay Planting (512)

Pest Management (595)

Pipeline (516)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Watering Facility (614)

Fish and Wildlife: Inadequate Cover/Shelter

Critical Area Planting (342)

Nutrient Management (590)

Pasture and Hay Planting (512)

Pest Management (595)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Fish and Wildlife: Inadequate Food

Critical Area Planting (342)

- Diversion (362)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Fish and Wildlife: T&E Species: Declining Species, Species of Concern
 - Critical Area Planting (342)
 - Diversion (362)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
- Fish and Wildlife: Threatened and Endangered Fish and Wildlife Species
 - Critical Area Planting (342)
 - Diversion (362)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
- Plant Condition: Forage Quality and Palatability
 - Critical Area Planting (342)
 - Mulching (484)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
- Plant Condition: Noxious and Invasive Plants
 - Critical Area Planting (342)
 - Grassed Waterway (412)
 - Mulching (484)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
- Plant Condition: Productivity, Health and Vigor
 - Critical Area Planting (342)
 - Diversion (362)
 - Grassed Waterway (412)
 - Mulching (484)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
 - Watering Facility (614)
- Plant Condition: T&E Plant Species: Declining Species, Species of Concern
 - Critical Area Planting (342)
 - Mulching (484)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Tree/Shrub Establishment (612)

Use Exclusion (472)

Soil Condition: Compaction

- Critical Area Planting (342)
- Mulching (484)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

Soil Condition: Contaminants-Animal Waste and Other Organics - N

- Critical Area Planting (342)
- Grassed Waterway (412)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

Soil Condition: Contaminants-Animal Waste and Other Organics - P

- Critical Area Planting (342)
- Grassed Waterway (412)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

Soil Condition: Damage from Sediment Deposition

- Critical Area Planting (342)
- Diversion (362)
- Grassed Waterway (412)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Use Exclusion (472)

Soil Condition: Organic Matter Depletion

- Critical Area Planting (342)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

Soil Erosion: Classic Gully

- Critical Area Planting (342)
- Diversion (362)
- Grassed Waterway (412)
- Mulching (484)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Soil Erosion: Ephemeral Gully

- Critical Area Planting (342)
- Diversion (362)
- Grassed Waterway (412)
- Mulching (484)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Soil Erosion: Sheet and Rill

- Critical Area Planting (342)
- Diversion (362)
- Grassed Waterway (412)
- Mulching (484)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Soil Erosion: Streambank

- Critical Area Planting (342)
- Diversion (362)
- Grassed Waterway (412)
- Mulching (484)
- Pasture and Hay Planting (512)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Water Quality: Excessive Nutrients and Organics in Groundwater

- Critical Area Planting (342)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

Water Quality: Excessive Nutrients and Organics in Surface Water

- Critical Area Planting (342)
- Diversion (362)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

Water Quality: Excessive Suspended Sediment and Turbidity in Surface Water

- Critical Area Planting (342)
- Diversion (362)
- Mulching (484)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Pipeline (516)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Water Quality: Harmful Levels of Pathogens in Groundwater

- Critical Area Planting (342)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)

Water Quality: Harmful Levels of Pathogens in Surface Water

- Critical Area Planting (342)
- Diversion (362)
- Mulching (484)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pipeline (516)
- Tree/Shrub Establishment (612)

- Use Exclusion (472)
- Watering Facility (614)
- Water Quantity: Excessive Runoff, Flooding, or Ponding
 - Critical Area Planting (342)
 - Diversion (362)
 - Grassed Waterway (412)
 - Mulching (484)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
- Water Quantity: Reduced Storage of Water Bodies by Sediment Accumulation
 - Critical Area Planting (342)
 - Diversion (362)
 - Grassed Waterway (412)
 - Mulching (484)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
 - Watering Facility (614)

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